

Bishnu Portfolio — Product Specification (Full, Implementation-Ready)

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NOTE: Some sections include user-provided content and drafting guidance. Validate before publication.

[Unverified]

Bishnu Portfolio — Product Specification (Full, Implementation-Ready)

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- > **Purpose:** Personal portfolio for **QA Lead** hiring. UX-first, non-technical implementation spec for designers, PMs, engineers, and content editors.
- > **Editing:** All public content and artifacts are **Admin-editable** (Supabase CMS).
- > **Primary Conversion:** **Book Interview →** <https://calendly.com/bishnu23neupane>
- > **Secondary:** **Download Résumé (PDF)**, **Email Me →**
<mailto:bishnu23neupane@gmail.com>

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1) Product Overview & Objectives

- **Name:** Bishnu Portfolio**
- **Type:** Personal portfolio website
- **Goal:** Get hired as a Quality Assurance Engineer/Lead** via crisp proof (artifacts + case studies).

- **Depth:** Full detail (deep dive).
- **Emphasis:** Everything equally (UX/Flows, Data Objects, Roles & Permissions).

2) Target Audience & Hiring Signals

- **Audiences:** HR/Recruiter (primary), QA Manager/Lead, Eng Manager/CTO (startup).
- **Signals to surface fast:** Role fit, strong manual/API/perf testing, measurable outcomes, clean evidence, ability to lead QA.

3) Personas & Priorities

- **Priority order:** 1) HR/Recruiter, 2) QA Manager/Lead, 3) Eng Manager/CTO.
- **Scan pattern:** 10-sec hero → “Book Interview” → Projects/Case Studies → Downloads (proof).

4) Conversions (CTAs) & Success Metrics

- **Primary CTA:** Book Interview → <https://calendly.com/bishnu23neupane> (sticky on mobile).
- **Secondary:** Download Résumé (PDF) (≤ 20 MB), Email Me → <mailto:bishnu23neupane@gmail.com>.
- **KPIs** (no trackers installed yet): CTA clicks, bookings completed, resume downloads.

5) Information Architecture & Navigation

Priority-1 pages: Home, About, Skills, Projects, Résumé, Certifications, Contact, Downloads, Privacy

Priority-2 (future/optional): Case Studies (standalone index), Testimonials, Blog/Articles (disabled)

| Page | Route | Purpose | CTA Placement |

|---|---|---|---|

| Home | `/` | Role fit in 10s; push to interview | Hero + sticky (mobile) |

| About | `/about` | Credibility + story | Inline, footer |

Skills	`/skills`	Tools & competencies (scan-first)	Header/footer
Projects	`/projects`	Grid of featured work	Each card
Résumé	`/resume`	ATS-friendly + PDF	Header & bottom
Certifications	`/certifications`	Creds (admin-managed)	Inline
Contact	`/contact`	Multi-channel + availability	Primary + secondary
Downloads	`/downloads`	Raw artifacts (plans, cases, reports)	Card CTAs
Privacy	`/privacy`	Policy (no forms/analytics)	Footer

6) Home (Hero, Subheadline, Quick Facts)

- **H1 (verbatim):**  QA Lead @ ankaEK | Manual & Automation Testing Enthusiast | Detail-Oriented | Problem Solver**
- **Subheadline (locked).** **QA Lead ensuring reliable releases with rigorous manual testing and practical automation—focused on quality, speed, and UX.**
- **Quick Facts row:** Location • **1 year** experience • **Hybrid** • **Currently working** • Tool chips (5)
- **CTAs:** Book Interview (primary), Download Résumé, Email Me.
- **UX:** Hero ~560–680px desktop; “Scroll to Projects” anchor.

7) About (Professional Summary)

I'm deeply passionate about building reliable, high-quality software. With hands-on experience in manual testing and a growing skill set in automation, I thrive on uncovering bugs, crafting efficient test cases, and ensuring smooth user experiences.

My journey began at Broadway Infosys, where I trained rigorously in QA practices, contributed to real-world projects, and collaborated with cross-functional teams to deliver results. I'm skilled in bug tracking with tools like JIRA, and have led QA efforts during agile sprints—driving quality with strong communication and leadership.

Currently, I lead the QA function at ankaEK, where I continue to advocate for excellence in every release. Let's connect if you're passionate about quality, product improvement, or tech-driven teamwork! 

8) Quick Facts & Contact Details

- **Name:** Bishnu Prasad Neupane
- **Title:** QA Lead (site-wide)
- **Location:** Kathmandu, Nepal (Admin-editable)
- **Experience:** 1 year total; 1 year in QA (Admin-editable)
- **Availability:** Hybrid • Currently working (toggle to “Active for Work” prompts for date/notice)
- **Employment type (global default):** Full-time
- **Contact:** Email `bishnu23neupane@gmail.com` • Phone +977 980-354-5245 (public) • LinkedIn `linkedin.com/in/bishnu-neupane-9a5a7426b/` • Calendly above

9) Skills & Proficiency (highlight chips)

Chips (Home + /skills): Taiga • Postman • APIDOG • JIRA • JMeter

Proficiency matrix:

- Taiga — Advanced
- Postman — Intermediate
- APIDOG — Intermediate
- JIRA — Beginner
- JMeter — Beginner

10) Projects Index (Featured Work)

Organization: ankaEK • **Timeframe:** Nov 2024 – Present • **Scope:** Web • Mobile • API (Manual & Automation)

Projects: a-OK, Connect Persona, Lahv+ Parking, EMS, CareCore

Responsibilities (verbatim): ensure requirements/compliance; improve QA process/tools; collaborate on requirements; track/report/RCA defects; functional/regression/perf testing; mentor juniors.

Artifacts: added later via Admin.

11) Case Studies — Overview & Template

Selected for evidence pages: a-OK, Connect Persona (live); Lahv+ Parking (placeholder).

Template sections: Problem/Context → Goals/Success → Scope/Envs → Strategy → Test Design → Execution & Evidence → Defects & RCA → Outcomes & Metrics → Downloads.

12) Case Study — a-OK

Problem (verbatim): unreliable redemption flow; API instability under load; regression escapes.

12.1 Goals & Success (locked)

- **Defect leakage $\leq 10\%$ ** per release (next 2)
- **Redemption API p95 ≤ 600 ms @ 10,000 CCU** (next 4 weeks)
- **Automation pass $\geq 90\%$ ** on critical redemption paths
- **Bug reopen $\leq 10\%$ ** per release (next 2)

12.2 Scope & Environments

- **Platforms:** Web • Mobile • API
- **Environments:** Staging • Production

12.3 Test Strategy (A–G)

A) Smoke • B) Functional • C) Regression • D) Negative/Edge • E) API (Postman/APIDOG) • F) Performance (JMeter) • G) Compatibility

12.4 Performance Profile (locked)

- **Target:** p95 ≤ 600 ms, p99 ≤ 1200 ms, error $\leq 2\%$ @ 10,000 CCU
- **Load shape:** Ramp 20 min → Hold 40 min (staging)
- **Evidence:** JMeter `.jmx` + HTML; time-series.

12.5 Test Design Highlights (titles)

S1 GIVE to non-member (points) • S2 Redeem w/ account creation • S3 Redeem without account creation • S4 Order→Business + Timeline • S5 Post-accept Visibility update

Negative N1–N3: 10x double-click remembered account • Offline after win pre-accept • Cancel during processing

12.6 Step-by-Step Cases (S1–S5)

Full preconditions, data, steps, and expected results provided (happy paths + key guards).

12.7 Evidence & Downloads (recommended)

Test Plan (PDF); Postman/APIDOG (JSON/HTML); JMeter (HTML/JMX); Timeline/Ledger CSV.

13) Case Study — Connect Persona

Problem (verbatim): 1-way & 2-way connection via link; Connection & Contact management.

13.1 Goals & Success (locked)

- **Defect leakage $\leq 10\%$ ** per release
- **Bug reopen $\leq 10\%$ ** per release

13.2 Scope & Environments

- **Platforms:** Web • Mobile • API
- **Environments:** Staging • Production

13.3 Test Strategy (A–G)

A) Smoke • B) Functional • C) Regression • D) Negative/Edge • E) API • F) Performance • G) Compatibility

13.4 Performance Targets (locked)

- **10,000 CCU** • **p95 ≤ 600 ms**, **p99 ≤ 1200 ms**, **error $\leq 3.5\%$ **

- **Load shape:** **Ramp 20 min → Hold 20 min**

13.5 Test Design Highlights

S1 App↔App QR connection • S2 Link: new user • S3 Link: existing user • S4 Link: incomplete profile • S5 Employee invitation

N1 Expired/reused link/QR rejected • **N2** Rapid multi-tap → one connection •
N3 Offline accept then resume

13.6 Detailed Test Cases (expanded)

- **S1** App-to-App QR (1-way create → 2-way upgrade) — full steps & assertions (UI • API • Graph)
- **N1** Expired/reused token — full steps, error codes, idempotency proof

13.7 Evidence & Downloads (recommended)

Screens/clips; API req/resp; audit/export; Postman/APIDOG + perf report.

14) Case Study — Lahv+ Parking (Admin-managed placeholder)

Public page shows “Coming soon” + CTAs until ‘published=true’. Admin fields prepared for Problem, Goals, Strategy, Scenarios, Evidence.

15) Evidence & Downloads (Artifacts)

Limits: PDFs/HTML/JSON ≤ **20 MB**, Images ≤ **20 MB**, Videos ≤ **50 MB**.

Naming: `{project}-{module}-{artifactType}-{env}-{yyyymmdd}-{v}.ext`

Structure: `/downloads/{project}/{type}/...`

Card metadata: title • badges (project, type, env) • metrics (p95, p99, error%, pass%) • Open/Download.

16) Résumé Page (HTML + PDF)

- **Header:** Name, **QA Lead**, **Kathmandu, Nepal**, Email, **Phone (public)**, LinkedIn, Book Interview.

- **Experience (ankaEK, single range):** 11/2024 – Present — *QA Intern → Jr QA → QA Lead (current)*
 - **Impact bullets (drafted):** strategy across 3 products; API/perf testing (10k CCU); regression risk reduction; RCA quality; mentoring juniors.
- **Skills:** chips + categories.
- **Projects:** 3–5 featured (cards link to case studies).
- **PDF download:** ≤ 20 MB; print-friendly CSS.

17) Contact & Availability (toggle)

- **Channels:** Calendly (modal + link fallback), Email, **Phone + tap-to-call**.
- **Availability:** **Hybrid • Currently working** (default).
- **Toggle logic:** switching to **Active for Work** requires **Earliest start date** or **Notice period** (Admin modal).
- **Response promise:** **“I reply within 24 hours.”**

18) Visual Style & Branding

- **Palette:** Black `#000000`, White `#FFFFFF`, **Accent `#007BFF`** (buttons, links, focus ring).
- **Type:** Inter (system-friendly); H1/H2/H3/Body: 32/24/18/16.
- **Components:** Primary button = accent fill + white; outline secondaries; chips with accent border; white cards with subtle shadow.

19) Theme Modes & Accessibility

- **Dark mode + toggle (header)**; **default = Force Dark**; remember preference locally.
- **Contrast:** WCAG AA; focus ring **#007BFF**.
- **Motion:** Respect `prefers-reduced-motion`.
- **No layout shift** on theme change (CLS ≤ 0.02).

20) SEO & Metadata

- **Site Title:** Bishnu Neupane — Quality Assurance Lead
- **Home Meta Description:** “Quality Assurance Lead delivering dependable web, mobile, and API releases. Evidence, test plans, bug reports, and performance results.”
- **OG/Twitter:** Default text-only banner (name + title, 1200×630, ≤150 KB) with #007BFF accent.
- **Sitemap & robots:** canonical URLs; disallow `/admin`; blog disabled.

21) Privacy

- **No on-site forms.** Contact via mailto, Calendly, LinkedIn.
- **No analytics or cookies** set by us.
- Optional **Effective date** (Admin-toggle).

22) Analytics & Events (disabled)

- No GA/Plausible loaded. Event plan defined but no-op until enabled.

23) Hosting & Performance Budgets

- **Platform:** Vercel; Next.js
- **Rendering:** Public — SSG + ISR; Admin — SSR (auth-protected).
- **Budgets (mobile/4G):** LCP ≤ 1.8 s • INP ≤ 200 ms • CLS ≤ 0.02 • JS ≤ 150 KB • CSS ≤ 50 KB • Above-fold images ≤ 300 KB • Page ≤ 1.0 MB.
- **Calendly:** lazy-load on click.
- **Caching:** Assets immutable; HTML SWR 60s.

24) Admin CMS, Auth & Roles (Supabase)

- **Collections:** settings, quick_facts, skills, projects, project_metrics, evidence_files, resume, certifications, contact, audit_log.
- **Auth:** Email + Password; policy: min 10 chars, upper+lower+number+symbol; lockout: 10 failed → 30 min.

- **RLS:** Owner (publish/delete) • Editors (create/edit).
- **ISR revalidation** on publish.
- **File rules:** enforce size caps; redaction note for PII.

25) Pre-Launch QA & Accessibility Checklist (summary)

- **Global:** HTTPS, security headers, dark-mode default, 0 broken links, sitemap/robots.
- **Performance:** LCP/INP/CLS budgets; lazy-load Calendly; size budgets.
- **A11y:** keyboard order, focus ring, contrast, alt text, captions.
- **Pages:** Home hero exact text; Resume dates; Project cards; a-OK case study; Downloads filters; Contact toggle; Privacy copy.
- **Admin:** Auth policy + lockout; RLS; audit log; ISR; file caps.

Appendix — Admin Field Keys (reference)

```

contact:

```
email: "bishnu23neupane@gmail.com"
phone_display: "+977 980-354-5245"
linkedin_url: "https://www.linkedin.com/in/bishnu-neupane-9a5a7426b/"
calendly_url: "https://calendly.com/bishnu23neupane"
response_time.promise: "I reply within 24 hours"
```

quick\_facts:

```
location: "Kathmandu, Nepal"
years_total: 1
years_qa: 1
```

```
availability_mode: "Hybrid"
status: "CurrentlyWorking"
start_date: null
notice_period: null

skills_highlight: ["Taiga","Postman","APIDOG","JIRA","JMeter"]
proficiency:
 Taiga: "Advanced"
 Postman: "Intermediate"
 APIDOG: "Intermediate"
 JIRA: "Beginner"
 JMeter: "Beginner"

employment_preferences:
 global: ["Full-time"]
 by_project:
 aok: ["Full-time"]
 connect-persona: ["Full-time"]
 lahvplus-parking: ["Full-time"]

seo:
 site_title: "Bishnu Neupane — Quality Assurance Lead"
 home_meta_description: "Quality Assurance Lead delivering dependable web, mobile, and API releases. Evidence, test plans, bug reports, and performance results."
 og_default_image_url: "/images/og/default-v1.jpg"
 og_image_alt: "Bishnu Neupane — Quality Assurance Lead"
```

theme:

```
accent: "#007BFF"
dark_mode_enabled: true
default_mode: "dark"
allow_toggle: true
```

downloads\_limits:

```
pdf_html_json_mb: 20
image_mb: 20
video_mb: 50
```

\*\*\*